



HERCULES

Description / Characteristics

Requirement

Provide Single Vehicle Recovery/Towing of the Abrams Tank (70 Tons)

Key System Attributes

M88A2 Comparison to M88A1

- **Improved Mobility**
 - ➔ Faster Speed (24% with/14% Without Towed Load)
 - ➔ 20 - 25% Better Braking Performance
 - ➔ 20 - 25% Better Slope Performance
- **Improved Recovery Capability**
 - ➔ Single (M88A2) vs. multiple vehicle (M88A1) tow
 - ➔ 55% More Winching Capacity: 70 Ton Single-Line Pull
 - ➔ 40% More Hoisting Capacity: 35 Tons Lift, 25 Tons Lift/Carry
- **Survivability - Increased Armor Protection**
- **Supportability - On Board Maintenance Aids to Reduce Crew Workload** (Aux Winch, Chain Hoist, TAL)
- **Reliability - 210 MMBOMF**
- **Manpower - Three Vs. Four-Man Crew**

HERCULES Provides at Least Twice the Recovery Capability to the Heavy Maneuver Division

